

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number  
**WO 2005/075483 A1**

(51) International Patent Classification<sup>7</sup>: **C07D 495/04**,  
A61K 31/519, A61P 35/00

D Alderley, Alderley Park, Macclesfield Cheshire SK10  
4TG (GB).

(21) International Application Number:  
PCT/GB2005/000339

(74) Agent: **ASTRAZENECA**; Global Intellectual Property,  
SE-151 85 Soderatlje (SE).

(22) International Filing Date: 1 February 2005 (01.02.2005)

(81) Designated States (*unless otherwise indicated, for every  
kind of national protection available*): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0402518.5 5 February 2004 (05.02.2004) GB

(71) Applicant (*for all designated States except US*): **AS-  
TRAZENECA AB** [SE/SE]; Sodertalje, S-151 85 Sweden  
(SE).

(84) Designated States (*unless otherwise indicated, for every  
kind of regional protection available*): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for MG only*): **ASTRAZENECA UK LIM-  
ITED** [GB/GB]; 15 Stanhope Gate, London Greater Lon-  
don W1K 1LN (GB).

(72) Inventors; and

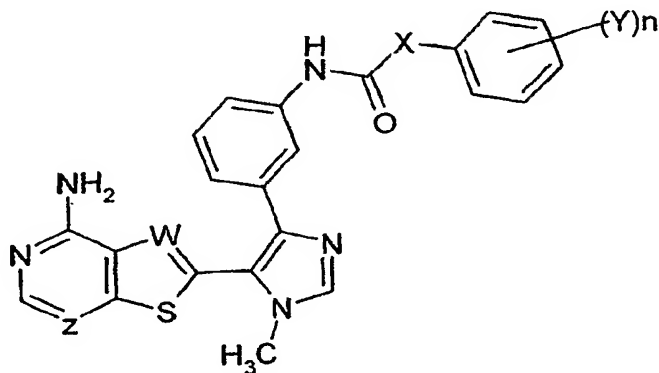
(75) Inventors/Applicants (*for US only*): **JONES, Clifford**,  
**David** [GB/GB]; AstraZeneca R & D Alderley,  
Park, Macclesfield Cheshire SK10 4TG (GB). **LUKE**,  
**Richard, William, Arthur** [GB/GB]; AstraZeneca R & D  
Alderley, Alderley Park, Macclesfield Cheshire SK10 4TG  
(GB). **MCCOULL, William** [GB/GB]; AstraZeneca R &

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: SUBSTITUTED THIENO - AND THIAZOLO - [2, 3-D] PYRIDINES AS INHIBITORS OF TIE2



(57) Abstract: A compound of the formula(I); wherein the substituents are as defined in the text for use in the production of an anti-angiogenic effect in a warm blooded animal such as man. The compounds are inhibitors Tie2 receptor tyrosine kinase (TEK).

WO 2005/075483 A1